

WHAT IS CLAIMED IS:

- 1 1. In a synthetic resin pallet, for use with a fork lift, comprising
2 separately molded upper and lower decks spaced apart by a plurality of supports to
3 define therebetween fork-receiving regions beneath the upper deck, the improvement
4 wherein the underside of the upper deck is substantially planar, and the supports are
5 integrally formed with and project upwardly from the lower deck and are secured to
6 the underside of the upper deck.

- 1 2. A pallet according to claim 1 wherein the upper ends of the
2 supports are received in recesses in the underside of the upper deck.

- 1 3. A pallet according to claim 2 wherein the recesses and the
2 supports have integrally formed mating elements which snap-actingly engage one
3 another to lock the supports in the recesses when the upper and lower decks are
4 assembled.

- 1 4. A pallet according to claim 2 wherein the supports are tapered,
2 the lower ends of the supports being wider than the upper ends thereof.

- 1 5. A pallet according to claim 4 wherein each of the supports is
2 hollow and has therein upright stiffening ribs which project inwardly from the side
3 wall of the support.

- 1 6. A pallet according to claim 1 wherein the supports are tapered,
2 the lower ends of the supports being wider than the upper ends thereof.

- 1 7. A pallet according to claim 1 wherein one of the supports is
2 located substantially at the center of the pallet, and the other supports are located
3 substantially at the periphery of the pallet, the central support being the largest
4 support.

1 8. A pallet according to claim 7 wherein the pallet is generally
2 rectangular with nine supports between the decks, one support being located at each
3 corner of the pallet, and one support being located medially of each side of the pallet,
4 the supports defining two fork-receiving regions for forks entering from each side
5 of the pallet.

1 9. A pallet according to claim 8 wherein the bottom deck
2 comprises a generally rectangular perimeter base from which the peripheral supports
3 project, and an integrally formed X-shaped central base from which the central
4 support projects, the central base joining with the perimeter base medially of each
5 side thereof.

1 10. A pallet according to claim 9 wherein the perimeter base and
2 the central base define four large openings through the bottom deck.

1 11. A pallet according to claim 10 wherein the corners of the
2 central support protrude into the large openings.

1 12. A pallet according to claim 11 wherein the underside of the
2 perimeter base and the underside of the central base have reinforcing ribs, the
3 reinforcing ribs beneath the supports being more closely spaced than elsewhere in the
4 perimeter base and the central base.

1 13. A pallet according to claim 11 wherein the corner supports are
2 circular in cross-section, the medial side supports are oblong in cross-section with
3 rounded ends in the areas adjacent the fork-receiving regions, and the central support
4 is rectangular in cross-section with rounded corners.

1 14. A pallet according to claim 13 wherein the supports are
2 tapered, the lower ends of the supports being wider than the upper ends thereof.

1 15. A pallet according to claim 14 wherein the top of the perimeter
2 base and the top of the central base have beveled edges.

1 16. A pallet according to claim 14 wherein each of the supports is
2 hollow and has therein upright stiffening ribs which project inwardly from the side
3 wall of the support.

1 17. A pallet according to claim 13 wherein the top of the perimeter
2 base and the top of the central base have beveled edges.

1 18. In a synthetic resin pallet, for use with a fork lift, comprising
2 upper and lower decks spaced apart by a plurality of supports to define therebetween
3 fork-receiving regions beneath the upper deck, the improvement wherein the top
4 surface of the upper deck, the bottom surface of the lower deck, and the underside
5 of the upper deck in the fork-receiving regions have a slip-resistant scuffed texture.

1 19. A pallet according to claim 18 wherein the upper and lower
2 decks are separately molded, and the scuffed texture is created by wire-brushing said
3 surfaces before the decks are assembled to form a finished pallet.

1 20. A pallet according to claim 19 wherein the scuffed texture
2 comprises a multidirectional scuffing pattern.

1 21. A pallet according to claim 20 wherein the scuffed texture is
2 created by brushing said surfaces with at least one cup-shaped wire brush.

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